

**MOSER
PATTERSON &
SHERIDAN, LLP**
ATTORNEYS AT LAW

350 Cambridge Ave, Suite 250
Palo Alto, CA 94306-1550
TEL 650.330.2310
FAX 650.330.2314
WWW.IAPS.LLP.COM

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DATE: December 5, 2003
FILE NO: STL 2797
TO: JULIO C. GONZALEZ
FAX NO: 703-872-9319
PHONE NO: 650-330-2310
COMPANY: USPTO
FROM: James A. Sheridan / Christina Mendoza
PAGE(S) with cover: 11
ORIGINAL TO FOLLOW? ☐ YES ☒ NO

RESPONSE TO ADVISORY ACTION DATED NOVEMBER 21, 2003

AND FINAL OFFICE ACTION DATED JULY 15, 2003

TITLE: HYDRODYNAMIC SPINDLE MOTOR SEALING TECHNIQUE
U.S. SERIAL NO.: 09/489,293
FILING DATE: January 21, 2000
INVENTOR: Dirk A. Krieger, et al.
EXAMINER: Julio C. Gonzalez
GROUP ART UNIT: 2834
CONFIRMATION NO.: 5656

CONFIDENTIALITY NOTE

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PTO/SB/21 (08-03)

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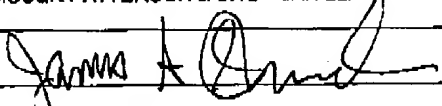
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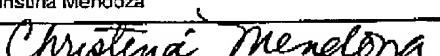
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/489,293	
	Filing Date	January 21, 2000	
	First Named Inventor	Dirk A. Krieger	
	Group Art Unit	2834	
	Examiner Name	Julio C. Gonzalez	
Total Number of Pages in This Submission	9	Attorney Docket Number	SEA 2797

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Facsimile Transmittal Cover Sheet
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	MOSER PATTERSON & SHERIDAN LLP
Signature	
Date	December 11, 2003

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Christina Mendoza		
Signature		Date	December 11, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon on the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03)

Approved for use through 07/31/2006, OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 310**Complete if Known**

Application Number	09/489,293
Filing Date	January 21, 2000
First Named Inventor	Dirk A. Krieger
Examiner Name	Julio C. Gonzalez
Group / Art Unit	2834
Attorney Docket No.	SEA 2797

METHOD OF PAYMENT (check all that apply)
☐ Check ☐ Credit Card ☐ Money Order ☒ Other ☐ None
☒ Deposit Account

Deposit Account Number: 20-0782 (Order No. SEA/2797)

Deposit Account Name: MOSER PATTERSON & SHERIDAN

The Director is authorized to: (Check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☐ Charge any additional fee(s) during pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account
FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$0)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	0	0	0
Multiple Dependent Claims	0	0	0

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	88	2204	43	Reissue independent claims over original patent	
1205	18	2205	9	Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2)

(\$0)

*or number previously paid. If greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	2053	65	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	310
1253	650	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1452	110	2452	65	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (a)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1002	900	Request for expedited examination of a design application	


Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$310)

SUBMITTED BY**Complete (if applicable)**

Name (Print/Type)	James A. Sheridan	Registration No. Attorney/Agent	25,435	Telephone	650-330-2310
Signature				Date	December 11, 2003

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PATENT
Atty. Dkt. No. STL 2797

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Dirk A. Krieger et al.

Serial No.: 09/489,293

Confirmation No.: 5656

Filed: 01/21/2000

For: Hydrodynamic
Spindle Motor
Sealing
Technique

Group Art Unit: 2834

Examiner: Gonzalez, Julio C

Attention: Julio C. Gonzalez
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Mr. Gonzalez:

CERTIFICATE OF MAILING 37 CFR 1.8	
I hereby certify that this correspondence is being FAXED on December 11, 2003 to the United States Patent and Trademark Office addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450	
December 11, 2003 Date	<i>Christina Mendez</i> Signature

RESPONSE TO ADVISORY ACTION DATED NOVEMBER 21, 2003
AND FINAL OFFICE ACTION DATED JULY 15, 2003

In response to the Advisory Action dated November 21, 2003, having an extended statutory period for response set to expire on December 15, 2003, please enter this response and reconsider the claims pending in the application for reasons discussed below. The Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/STL 2797, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper. **Remarks/Arguments** begin on page 5 of this paper.